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ATTORNEY DOCKET NO: KCX-741 (19044)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MATE A	in dicati	on of:	Xuedong Song)	Group Art Unit:	2856
Serial	No:		10/718,989)	Examiner:	Unknown
Filed:			November 21, 2003)	Our Account No:	04-1403
Confir	mation 1	No:	9109)	Customer No:	22827
Title:			Membrane-Based Lateral Flow Assay Devices That Utilize Phosphorescent Detection)))		
U.S. P Post O	atent and		nark Office			
Sir:						
	llowing .97, and		formation Disclosure Statement for the ca	ptioned p	patent application, pursu	ant to 37 CFR Sections
1.[x]	Attach	ed hereto	o is:			
	a.[x]	A list o	of materials for consideration per Rule 98	(a)(1): <u>1</u>	7 page(s)	
	b.[x]	98 and/	ole copy of each patent, publication, or other of or as indicated on the attached list(s): item(s)	ner item l	isted per Rule 98(1)(2),	unless not required per Rul
	c.[]	thereof	ch <u>non-English language item listed, pursue</u> as it is presently understood by the indivit of such items:	uant to Ri idual des	ule 98(a)(3), a concise e ignated in Rule 56(c) m	explanation of the relevance ost knowledgeable about the
			n explanation is provided in the Search Rovith any enclosed translation into English		n a corresponding appli	cation enclosed herewith
2.[x]	This In	formatic	on Disclosure Statement is being filed [CH	IECK O	NE]:	
	a.[x]	after a r	N THREE MONTHS of the application frequest for continued examination, <u>OR</u> B which ever event occurs last, <u>WHEREFC</u> fred.	EFORE t	he mailing date of a firs	t Office Action on the
	b.[]		R the time periods of section 2.a above, but that otherwise closes prosecution, WHER			
		i.[]	Certification per Rule 97(e); <u>OR</u>			
		ii[]	Filing Fee per Rule 17(p)	••••••		\$180.00
	c.[]		R a Final Action <u>OR</u> Notice of Allowance 7(d) submitted herewith is:	, but BEF	FORE payment of the is	sue fee, <u>WHEREFORE</u> per
		i.	Certification per Rule 97(e); AND			
		ii.	Filing fee per Rule 17(p)			\$180.00
3.[]	Rule 9	7(e) Cert	ification; per Rule 97(e), the undersigned	certifyin	g party make the follow	ving certification statement

- 3.[] Rule 97(e) Certification; per Rule 97(e), the undersigned certifying party make the following certification statement [CHECK ONE]:
 - a.[] That each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; <u>OR</u>
 - b.[] That no item of information contained in this Information Disclosure Statement was cited in a foreign patent office in a counterpart foreign application and to the knowledge of the undersigned after making a reasonable

inquiry, was known to any individual designated in Rule 56(c) more than three months prior to the filing of this statement.

		CERTIFYING PARTY (if different from made by signer per signature below). Name: Address:	
4.[x]	authori herewi now or overpa	ized hereafter, or any fees in addition to th th or concerning any paper filed hereafter, r hereafter relative to this application and t	the Commissioner is hereby authorized to charge any fee specifically the fee(s) filed, or asserted to be filed, or which should have been filed, and which may be required under Rules 16-18 (deficiency only) the resulting official document under Rule 20, or credit any leading hereof for which purpose a duplicate copy of this sheet is the geof the issue fee in this case.
5.[x]		IFICATE OF MAILING: This Information PLETE ONE]:	on Disclosure Statement is being filed pursuant to [CHECK AND
	a.[x]	First Class Mail Certificate of Mailing un	nder Rule 8:
			and any referenced attachment and/or fee are being deposited with class mail in an envelope addressed to the:
		Commissioner for Patents U.S. Patent and Trademark Office Post Office Box 1450 Alexandria, VA 22313-1450	
		on July 12, 2004.	
		Sandra S. Perkins (Typed/printed name of person mailing p	
	((Signature of person mailing paper or fee	- - -
	b.[]	"Express Mail" Certificate under Rule 10	0:
		"Express Mail" – Label No Date of Deposit	
			achments and any fee are being deposited with the U.S. Postal dressee" service under 37 CFR 1.10 on the date indicated above and
		Commissioner for Patents U.S. Patent and Trademark Office Post Office Box 1450 Alexandria, VA 22313-1450.	
		(Typed/printed name of person mailing p	paper or fee)
		(Signature of person mailing paper or fee	(2)
ADDR Post O	ESS: ffice Bo	x 1449	DORITY & MANNING, ATTORNEYS AT LAW, P.A.
Custon	ner ID N	29602 USA Io.: 22827	By: Christina L. Mangelsen, Patent Agent
		4-271-1592 4-233-7342	Reg. No: 50,244
			Signature: Alasking Schullerian
			Date: July 12, 2004

Sheet 1 of 17 Attorney Docket Number: Serial Number: Information Disclosure Statement List KCX-741 (19044) 10/718,989 By Applicant(s) Applicant: Under 37 CFR Section 1.98(a) (1) Xuedong Song (Use several sheets if necessary) Filing Date: Group Art Unit: November 21, 2003 2856 Confirmation No: 9109

NOTE:

If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]"

(1) This item is cumulative, per Rule 98©

(2) A copy of this item was previously	cited by or submitte	ed to the U.S.	Patent and
Trademark Office in:	•		

USSN		_, filed			_, 01
USSN		_, filed			
	25710.00		 •	00(1)	

Relied on under 35 U.S.C. Section 120, per Rule 98(d)

- (3) Both reasons (1) and (2) apply
- (4) No legible complete copy is possessed, in custody of controlled, or readily available
- (5) Per the U.S. Patent and Trademark Office's waiver of Rule 98(a)(2)(i), the item is a U.S. patent or patent application publication, and the present application was filed after June 30, 2003.

EXAMINER	PATENTEE NAME	PA	TENT	NUN	MBEF	₹			ISSUE	COPY
INITIALS					DATE	NOTE				
	Lipman, et al.	D	4	5	0	8	5	4	11/20/2001	5
	Bruschi	R	Е	3	0	2	6	7	05/06/1980	5
	Burch	1	3	6	6	2	4	1	01/18/1921	5
	Keim	3	7	0	0	6	2	3	10/24/1972	5
	Keim	3	7	7	2	0	7	6	11/13/1973	.5
	Deutsch, et al.	4	0	9	4	6	4	7	06/13/1978	5
	Stoy	4	1	1	0	5	2	9	08/29/1978	5
	Grubb, et al.	4	1	6	8	1	4	6	09/18/1979	5
	Dorman, et al.	4	2	i	0	7	2	3	07/01/1980	5
	Litman, et al.	4	2	7	5	1	4	9	06/23/1981	5
	Wohltien	4	3	1	2	2	2	8	01/26/1982	5
	Greenquist	4	3	6	3	8	7	4	12/14/1982	5
	Tom, et al.	4	3	6	6	2	4	1	12/28/1982	5
	Litman, et al.	4	3	7	4	9	2	5	02/22/1983	5
	Chen, et al.	4	3	8	5	1	2	6	05/24/1983	5
	Columbus	4	4	2	6	4	5	1	01/17/1984	5
	Kowalski, et al.	4	4	2	7	8	3	6	01/24/1984	5
	Zuk, et al.	4	4	3	5	5	0	4	03/06/1984	5
	White	4	4	4	1	3	7	3	04/10/1984	5
	Greenquist, et al.	4	4	4	2	2	0	4	04/10/1984	5
	Ludwig	4	4	4	4	5	9	2	04/24/1984	5
	Mitra	4	4	7	7	6	3	5	10/16/1984	5
	Craig, et al.	4	4	8	0	0	4	2	10/30/1984	5
	Clark, et al.	4	5	3	3	4	9	9	08/06/1985	5
	Litman, et al.	4	5	3	3	6	2	9	08/06/1985	5
	Papadakis	4	5	3	4	3	5	6	08/13/1985	5
	Keim	4	5	3	7	6	5	7	08/27/1985	5
	Elings, et al.	4	5	3	7	8	6	1	08/27/1985	5
	Litman, et al.	4	5	4	0	6	5	9	09/10/1985	5
	Lowne	4	5	5	2	4	5	8	11/12/1985	5
	Sekler, et al.	4	5	6	1	2	8	6	12/31/1985	5
	Lowe, et al.	4	5	6	2	1	5	7	12/31/1985	5
	Miller	4	5	8	6	6_	9	5	05/06/1986	5
	Cragle, et al.	4	5	9	5	6	6	1	06/17/1986	5
	Ballato	4	5	9	6	6	9	7	06/24/1986	5
	Schmidt, et al.	4	6	1	4	7	2	3	09/30/1986	5

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Information	n Disclosure Statement List		K	CX-7	41 (1	9044	•)		10/718,989				
	By Applicant(s)					-	Appli	cant:					
Under 37	CFR Section 1.98(a) (1)				ıg								
(Use sev	veral sheets if necessary)			Fili		Group Art Unit:							
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	Brunsting	4	6	3	2	5	5	9	12/30/1986	5			
	Krull, et al.	4	6	6	1	2	3	5	04/28/1987	5			
	Schwartz, et al.	4	6	9	8	2	6	2	10/06/1987	5			
	Lee, et al.	4	7	2	7	8	8	9	02/02/1988	5			
	Valkirs, et al. Luotola, et al.	4	7	3	1	3	3	7	03/15/1988	5			
	Graham, Jr., et al.	4	7	4	3	5	4	2	05/10/1988	5			
	Janata, et al.	4	7	7	8	9	1	0	10/11/1988 04/04/1989	5			
	Sutherland, et al. de Jaeger, et al.	4	8	3	7	1	6	8	06/06/1989	5			
	Blaylock	4	8	4	2	7	8	3	06/27/1989	5			
	Litman, et al.	4	8	4	3	0	0	0	06/27/1989	5			
	Noguchi, et al. Batchelder, et al.	4	8	4	3	6	1	3	06/27/1989	5			
	Litman, et al.	4	8	4	9	3	3	8	07/18/1989	5			
	Rosenstein, et al.	4	8	5	5	2	4	0	08/08/1989	5			
	Ullman, et al.	4	8	5	7	5	8	6	08/15/1989	5			
	Devaney, Jr., et al. Stewart	4	8	7	7	7	4	7	10/31/1989	5			
	Pyke, et al.	4	8	9	5	0	1	7	01/23/1990	5			
	Brown, III, et al.	4	9	1	6_	0	5	6	04/10/1990	5			
	Bhattacharjee	4	9	4	7	7	3	3	04/17/1990	5			
	Ley, et al. Hillman, et al.	4	9	6	3	4	9	8	10/16/1990	5			
	McDonald, et al.	4	9	7	3	6	7	0	11/27/1990	. 5			
	Godfrey	5	9	9	3	1	8	8	02/12/1991	5			
	Livesay Finlan	5	0	2	3	0	5	3	06/11/1991	5			
	Lee, et al.	5	0	2	6	6	5	3	06/25/1991	5			
	Finlan, et al.	5_	0	3	5	8	6	3	07/30/1991	5			
	Finlan Cozzette, et al.	5	0	6	3	0	8	1	10/08/1991	5			
	Finlan	5	0	6	4	6	1	9	11/12/1991	5			
	Durley, III, et al.	5	0	7	5	0	7	7	12/24/1991	5			
	Frye, et al. Kane, et al.	5	0	9	6	6	9	1	12/31/1991 03/17/1992	5			
	Leiner, et al.	5	1	1	4	6	7	6	05/19/1992	. 5			
	Chan, et al.	5	1	2	0	6	6	2	06/09/1992	5			
	Hewlins, et al.	5	1	3	4	0	5	7	06/23/1992 07/28/1992	5			
	Kuypers, et al. Manian, et al.	5	1	3	7	6	0	9	08/11/1992	5			
	Pirrung, et al.	5	1	4	3	8	5	4	09/01/1992	5			
	Cox, et al.	5	1	4	5	7	8	4	09/08/1992	5			
	Kaetsu, et al. Litman, et al.	5	1	5	6	7	5	8	10/06/1992 10/20/1992	5			
	Miffitt, et al.	5	1	7	9	2	8	8	01/12/1993	5			
	Giesecke, et al.	5	1	8	2	1	3	5	01/26/1993	5			
	Backman, et al.	5	2	9	6	0	5 8	0	03/23/1993	5			
	Liberti, et al. Nakayama, et al.	5	2	0	8	5	3	5	05/04/1993	. 5			
	Manian, et al.	5	2	2	1	4	5	4	06/22/1993	5			
	Watanabe, et al.	5	2	2	5	9	3	5	07/06/1993	5			
	McGeehan, et al. Nomura, et al.	5	2	3	5	2	3	8	08/10/1993 08/10/1993	5			
	Higo, et al.	5	2	3	8	8	1	5	08/24/1993	5			
	Bergström, et al.	5	2	4	2	8	2	8	09/07/1993	5			

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Information	Disclosure Statement List		K	CX-7	41 (1	9044)		10/718,98	39				
E	sy Applicant(s)						Appli	cant:						
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	Evangelista, et al. Berger, et al.	5	2	6	8	3	9	9	11/16/1993	<u>5</u>				
	Cooke, et al.	5	3	1	4	9	2	3	05/24/1994	5				
	Suzuki, et al.	5	3	1	6	7	2	7	05/31/1994	5				
	Okada, et al.	5	3	2	0	9	9	2	06/14/1994 06/14/1994	<u>5.</u>				
	Detwiler, et al. Bender, et al.	5	3	2	7	2	2	5	07/05/1994	5				
	Bar-Or, et al.	5	3	3	0	8	9	8	07/19/19094	5				
	Litman, et al.	5	3	4	2	7	5 8	9	08/30/1994 10/04/1994	5				
	Lichtenwalter, et al. Moorman, et al.	5	3	5	6	7	8	2	10/04/1994					
	Wu Wu	5	3	5	8	8	5	2	10/25/1994	5				
	Attridge	5	3	6	9	7	1	7	11/29/1994	5				
	Maule Gumbrecht, et al.	5	3	7	6	5 2	5	5	12/20/1994 12/27/1994	5 5				
	Selmer, et al.	5	3	8	7	5	0	3	02/07/1995	5				
	Lambotte, et al.	5	3	9	5	7	5	4	03/07/1995	5				
	Maule Miller, et al.	5	4	1	5 8	8	3	6	05/16/1995 05/23/1995	5				
	Jirikowski	5	4	2	4	2	1	9	06/13/1995	5				
	Litman, et al.	5	4	3	2	0	5	7	07/11/1995	5				
	Bergström, et al. Rohr	5	4	3	5	9	7	1	07/25/1995	5				
	Barrett, et al.	5	4	5	1	6	8	3	09/19/1995	5				
	Josse, et al.	5	4	5	5	4	7	5	10/03/1995	5				
	Hendrix	5	4	6	6	5	7	1	11/07/1995	. 5				
<u> </u>	Liberti, et al. Catt, et al.	5	4	6	7	7	7	8	11/21/1995	5				
	Bogart, et al.	5	4	6	8	6	0	6	11/21/1995	5				
	Bogart, et al.	5	4	8	2	8	3	7	01/09/1996 01/09/1996	5				
	Barrett, et al. Lichtenham, et al.	5	4	8	4	8	6	7	01/09/1996	5				
	Fodor, et al.	5	4	8	9	6	7	8	02/06/1996	5				
	Ackley, et al.	5	4	8	9	9	8	8	02/06/1996	5				
	Malmqvist, et al. Pollard-Knight	5	4	9	6	7	0	0	02/20/1996	5				
	Baker, et al.	5	5	0	0	3	5	0	03/19/1996	5				
	Senior	5	5	0	4	0	1	3	04/02/1996	5				
	Walling, et al. Bednarski, et al.	5	5	0	8	1 4	7	1	04/16/1996 04/23/1996	5				
	Kumar, et al.	5	5	1	2	1	3	1	04/30/1996	5				
	Markert-Hahn, et al.	5	5	1	4	5	5	9	05/07/1996	5				
	Ekins, et al. Dosmann, et al.	5	5	1	6 8	6	8	5	05/14/1996 05/21/1996	5				
	Soini Soini	5	5	1	8	8	8	3	05/21/1996	5				
	Tom-Moy, et al.	5	5	2	7	7	1	1	06/18/1996	5				
	Vreeke, et al.	5	5	5	4	5	3	9	07/09/1996	5				
	Chadney, et al. Malmqvist, et al.	5	5	5	4	5	4	1	09/10/1996	5				
	Sommer	5	5	6	9	6	0	8	10/29/1996	, 5				
	Lawrence, et al.	5	5	7	1	6	8	4	11/05/1996	5				
	Singer, et al. Davidson	5	5	8	5	9	7	9	11/12/1996	5				
	Hansen, et al.	5	5	8	9	4	0	1	12/31/1996	5				
	Massey, et al.	5	5	9	1	5	8	1	01/07/1997	5				
	Tyler	5	5	9	6	6	6	8	01/21/1997 02/04/1997	5				
	Stimpson, et al. Choi, et al.	5	6	1	8	8	8	8	02/04/1997	5				

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Information	Disclosure Statement List			•	741 (l	10/718,989	
	By Applicant(s)	-					Appli	oont:		
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	CFR Section 1.98(a) (1)					g Son	ng 			
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	Bamdad, et al.	5	6	2	Τō	104/15/1007				
	Hemmilä, et al.	5	6	3	7	5	5	9	04/15/1997	5 5
	Tuunanen, et al.	5	6	4	7	9	9	4	07/15/1997	5
	Yamamoto, et al. Jones, et al.	5	6	6	8	4	4	3	08/19/1997	5
	Jou, et al.	5	6	17	0	3	8	3	09/02/1997 09/23/1997	5
	Yee	5	6	7	2	2	5	6	09/30/1997	5
	Sheiness, et al.	5	7	0	0	6	3	6	12/23/1997	5
	Robinson, et al. Bard, et al.	5	7	3	6	0	6	7	03/10/1998	5
	Alcock, et al.	5	7	3	6	1	8	8	03/24/1998	5
	Brooks, et al.	5	7	5	3	5	1	7	05/19/1998	5
	Klainer, et al. Ching, et al.	5	7	8	0	3	5	8	07/14/1998	5
	Wang, et al.	5	7	9	5	4	7	0	07/14/1998	5
	Poto, et al.	5	7	9	5	5	4	3	08/18/1998	5
	Shuler, et al.	5	7	9	8	2	7	3	08/25/1998	5
	Davidson Golden	5	8	1 2	7	5	4	8	09/22/1998	5
	Weindel	5	8	3	Ó	7	6	2	11/03/1998	5
	Reichert, et al.	5	8	3	2	1	6	5	11/03/1998	5
	Maupin Nohr, et al.	5	8	3	7	4	2	6	11/10/1998	5
	Allen, et al.	5	8	3	7	5	4	6	11/17/1998	5
	Phillips, et al.	5	8	4	3	6	9	2	12/01/1998	5
ļ	Josse, et al. Buechler	5	8	8	5	5	2	9	12/22/1998	5
	Ikeda, et al.	5	9	0	6	9	2	1	03/23/1999 05/25/1999	5
	Lipskier	5	9	1	0	2	8	6	06/08/1999	5
	Lawrence, et al.	5	9	1	0	4	4	7	06/08/1999	5
	Guerra Ewart, et al.	5	9	2	2	9	3	7	06/08/1999	5
	Everhart, et al.	5	9	2	2	5	5	0	07/13/1999	5
	Douglas, et al.	5	9	5	1	4	9	2	09/14/1999	5
	Avnery Sagner, et al.	5	9	6	4	9	9	5	10/05/1999	5
	Everhart	6	0	2	0	0	3	7	12/21/1999 02/01/2000	5
	Devine, et al.	6	0	2	7	9	0	4	02/22/2000	5
	Robinson, et al.	6	0	2	7	9	4	4	02/22/2000	5
	Otterness, et al. Mullinax, et al.	6	0	3	0	8	9	0	02/29/2000 02/29/2000	5
	Siddiqi	6	0	3	3	5	7	4	03/07/2000	5
	Everhart, et al.	6	0	4	8	6	2	3	04/11/2000	5
	Everhart, et al. Tsuchiya, et al.	6	0	8	0	3	5 9	6	05/09/2000	5
	Bruno, et al.	6	0	8	4	6	8	3	06/27/2000 07/04/2000	5
	Magginetti, et al.	6	0	8	7	1	8	4	07/11/2000	5
	Douglas, et al.	6	0	9	9	4	8	4	08/08/2000	5
	Ullman, et al. Caillouette	6	1	0	7	5	9	7	08/15/2000 09/12/2000	5
	Feistel	6	1	3	6	5	4	9	10/24/2000	5
	Saaski, et al.	6	1	3	6	6	1	1	10/24/2000	5
	Blankenship, et al. Markart	6	1	5	9.	9	6	0	10/31/2000 11/21/2000	5
	Brooks	6	1	6	5	7	9	8	12/26/2000	5
	Pham, et al.	6	1	7	1	7	8	0	01/09/2001	5
-	Freitag	6	1	7	1	8	7	0	01/09/2001	5
	Hirai, et al.	6	1	7	4	6	4	6	01/16/2001	5

(Rev. 5/92)	Attorney Docket Number:	Serial Number:						
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Under 37 CFR Section 1.98(a) (1)	Xuedong Song							
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	November 21, 2003	2856						
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	Grundig, et al.	6	2	2	1	2	3	8	04/24/2001	5
	Everhart, et al.	6	2	$\frac{1}{2}$	1	5	17	19	04/24/2001	5
	Catt, et al.	6	1 2	3	4	9	17	4	05/22/2001	5
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	Knapp, et al.	6	2	$\frac{3}{3}$	5	4	7	$\frac{1}{1}$	05/22/2001	
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	Monbouquette	6	2	4	1	8	6		05/22/2001	5
	Wieder, et al.	6	2	4	1 2	2	6	8	06/05/2001	5
	Louderback	6	2	5	5	10			06/05/2001	5
	Barbera-Guillem, et al.	6	2	6	1	17	7	6	07/03/2001	5
	Chandler, et al.	6	2	6	8			9	07/17/2001	5
	Crismore, et al.		2			2	2	2	07/31/2001	5
	Buechler	6		7	0	6	3	7	08/07/2001	5
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	Heller, et al.	6	2	8	1	0	0	6	08/28/2001	5
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	Maynard, et al.	6	2	8	7	7	8	3	09/11/2001	5
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	Aylott, et al.	6	3_	3	1	4	3	8	12/18/2001	5
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	Massey, et al.	6	3	6	2	0	1	1	03/26/2002	5
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	Avnery, et al.	6	4	0	7	4	9	2	06/18/2002	5
	Nishikawa	6	4	1	1	4	3	9	06/25/2002	5
	Hodges, et al.	6	4	1	3	4	1	0	07/02/2002	5
	Everhart, et al.	6	4	3	6	6	5	1	08/20/2002	5
	Clark, et al.	6	4	3	6	7	2	12	08/20/2002	5
	Meade, et al.	6	4	4	4	4	2	3	09/03/2002	5
	Massey, et al.	6	4	4	8	0	9	1	09/10/2002	5
	Lawrence, et al.	6	4	5	1	6	0	7	09/17/2002	5
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	Massey, et al.	6	4	6	8	17	4	1	10/22/2002	5
	Barradine, et al.	6	4	7	2	2	2	6	10/29/2002	<u>5</u>
	Caruso, et al.	6	4	7	9	1	4	6	11/12/2002	5
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	Brooks, et al.	6	5	ō	9	1	9	6	01/21/2003	5
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· · · · · · · · · · · · · · · · · · ·	Bentsen, et al.	6	5	6	6	5	0	8		5
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	Beckmann	0	0	7	0	1	2	8	06/13/2002	5
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